

AIM Ann Report  
1894 to 1895

Amo 1894

# ANNUAL REPORT

OF THE

## Auckland Institute

AND



For 1894-95.

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ADOPTED AT THE ANNUAL MEETING HELD FEBRUARY 18, 1895.

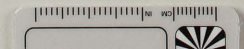
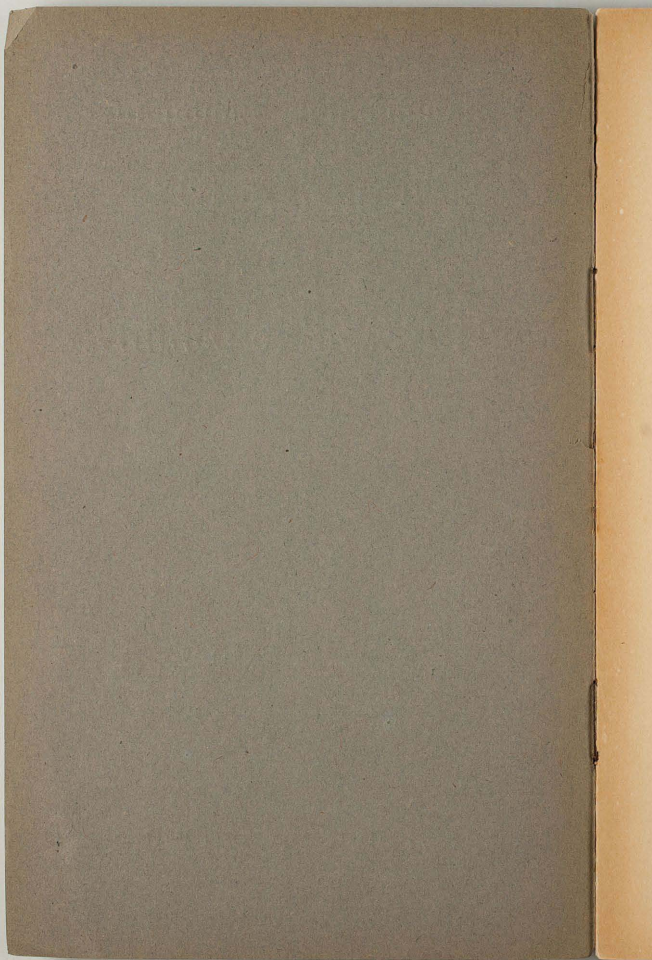
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Auckland:

WILSONS AND HORTON, BOOK AND GENERAL PRINTERS, QUEEN & WYNDHAM STREETS.

MDCCCXCV.

AIM Ann Report  
1894 to 1895



AIM Ann Report  
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REPORT  
OF THE  
Auckland Institute  
AND  
MUSEUM,  
For 1894-95.

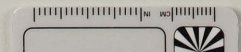
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Adopted at the Annual Meeting held on  
February 18, 1895.

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AUCKLAND :  
WILSONS AND HORTON, PRINTERS, HERALD WORKS, QUEEN AND WYNDHAM STREETS.  
MDCCKCV.

AIM Ann Report  
1894 to 1895



Officers  
OF THE  
Auckland Institute

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President:

PROFESSOR A. P. THOMAS, F.L.S.

Vice-President:

J. H. UPTON, Esq.

Council:

BATES, REV. J.

PEACOCK, T., Esq.

BERRY, W., Esq.

POND, J. A., Esq.

BROWN, PROFESSOR F. D., F.C.S.

SMITH, T. H., Esq.

MACKECHNIE, E. A., Esq.

STEWART, J., Esq., C.E.

MUELLER, G., Esq.

TUBBS, PROFESSOR H. A.

WITHY, E., Esq.

Trustees:

MACKECHNIE, E. A. Esq.

SMITH, S. P., Esq., F.R.G.S.

PEACOCK, T., Esq.

Secretary and Treasurer:

T. F. CHEESEMAN, Esq., F.L.S., F.Z.S.

Auditor:

W. GORRIE, Esq.



The Following  
Magazines and Periodicals  
are Circulated among the Members :

Quarterly Journal of Microscopical Science  
The Ibis  
Nature  
Natural Science  
Geological Magazine  
Lancet  
Scientific American  
The Academy  
Knowledge  
Botanical Magazine  
Annals of Botany  
Gardeners' Chronicle  
Chemical News  
Engineering  
Science Gossip  
Electrical and Telegraphic Review  
Annals and Magazine of Natural History  
The Philosophical Magazine  
American Journal of Science  
The New Zealand Medical Journal

## Report of the Council.

**I**N conformity with the constitution of the Institute, the Council have now to present to the members their Twenty-seventh Annual Report on the financial and general condition of the Institute, and its progress during the past year.

**Members.**—Nine new members have been added to the roll since the last annual meeting. This number, though small, shews a slight increase on that for the previous year, when the elections were six only. On the other hand, fifteen names have been withdrawn—three from death, nine from resignation, and three from non-payment of subscription for more than two consecutive years. There has thus been a net decrease of six during the year, the number on the roll at the present time being 171. The names removed by death are Mr. J. B. Russell (who for several years served on the Council, and who always took an active interest in the affairs of the Society), the Hon. P. Dignan, and Mr. J. H. Lusher.

**Finance.**—The following synopsis of the balance sheets appended to the Report will enable the members to form a proper idea of the financial position of the Institute. The total revenue of the general account is stated at £1,357 10s. 5d., but this sum includes the balance of £53 14s. 7d. carried from the previous year, and also a temporary advance of £306 6s. 7d. obtained from the capital account for the purpose of defraying the cost of purchasing and re-erecting the celebrated carved house at Maketu, allusion to which will be made further on. Deducting these amounts, it will be seen that the real income of the Society has been £997 9s. 3d. This shews a marked increase on the amount for the previous year, which was £934 7s. 6d. The interest derived from the invested funds of the Costley bequest has been £474 12s. 2d.; while the Museum endowment has contributed in rents and interest on investments £343 2s., the latter sum being the largest yet received from this source. The members' subscriptions have yielded £129 3s., almost exactly the same amount as that credited in the previous year. The expenditure reaches a total of £1,283 16s. 1d., leaving a credit balance of £73 14s. 4d. in the Bank of New Zealand. The invested funds of the Institute are in a satisfactory condition. The total amount at the present time is £12,845, shewing an increase of £356 during the year. With the exception of about £600, the whole of this sum is now invested on mortgage on freehold property. The Council have exercised the utmost care in selecting the various securities, and

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believe that the whole of them are exceptionally good and stable. Altogether, the financial position of the Institute may be considered as thoroughly sound.

**Museum Endowments.**—Some small sales of township allotments have been effected during the year, and the proceeds have been duly paid over and invested, but beyond this there is little to report. The Council are now negotiating with the Crown Lands Board respecting the utilisation of the Tihitihi Block, at Whangarei, the largest of the Museum endowments; and it is hoped that a concerted plan of action may be decided upon under which the block may be cut up and either sold for cash or leased for a term of years. The chief difficulty in dealing with the endowments, as has been pointed out in previous reports, is that there is little demand for country lands except under perpetual lease; and under that system the rents are so small, and are often paid with such irregularity, that the Council are unwilling to adopt it, except in a partial and tentative manner.

**Meetings.**—Ten meetings have been held during the year, at which the following papers were read and discussed:—

1. Introductory address:—By the President, Mr. J. H. UPTON.
2. The Economic Effects of Various Land Tenures:—By E. WITHEY.
3. The Geology, Mineral Resources and Future Prospects of the Thames Goldfields:—By J. PARK, F.G.S.
4. A Greek Madonna:—By Prof. A. TUBBS.
5. The Treatment of the Insane, Historically Considered:—By F. G. EWINGTON.
6. Comparative Religion:—By the Rev. J. BATES.
7. Poetry Considered as the Interpretation of Life:—By Prof. C. W. EGERTON.
8. A Yorkshire Blood Feud:—By F. D. FENTON.
9. Darwin:—By Prof. A. P. THOMAS.
10. Shooting Stars and Meteors:—By Prof. H. W. SEGAR.
11. A Poet's Socialism:—By E. A. MACKECHNIE.
12. Maori Preserved Heads:—Rev. P. WALSH.
13. The Copepods and Cladoceres of the Hauraki Gulf:—By Dr. KRAMER.
14. Explosives:—By Prof. F. D. BROWN.



Most of the above papers have been forwarded to the Manager of the New Zealand Institute at Wellington, with the view of their publication in the forthcoming volume of Transactions.

**Museum.**—The attendance of visitors at the Museum continues to be satisfactory. On Sunday afternoons a register has been kept by the janitor, which shews that 9,873 persons entered the building on that day, being an average of 189 for each Sunday. The largest attendance was 334 on August 26th, and the smallest 34 on June 17th. On week days the visitors are only occasionally counted, but sufficient data are available for considering the average daily attendance to be about 110. If the few days on which the Museum was closed are excluded from the calculation, the approximate week-day attendance can be given as 33,000, the total for the year consequently being 41,873. The greatest attendance on any one day was 443 on May 24 (Queen's Birthday). On the whole, the statistics shew that the attendance on Sunday afternoons has slightly decreased during the year; but that this decrease has been more than counterbalanced by an increase in the number of week-day visitors.

The most interesting addition made to the Museum is the celebrated Maori Carved House formerly standing at Maketu, in the Bay of Plenty, and owned by Te Pokiha Taranui, the leading chief of the Ngatipikiao tribe. Early in the year Mr. F. D. Fenton ascertained that the house could probably be purchased, and after a short negotiation secured an offer of it for the sum of £150. This he placed before the Council, strongly advocating its purchase. The desirability of securing for the City of Auckland such an excellent example of Maori art, at a price so reasonable, could not be gainsaid, and the Council gladly agreed to take advantage of the offer. The house was very carefully taken down and shipped to Auckland, and has since been erected in the centre of the Ethnological Hall, where it forms a very striking and imposing object. The total cost of its purchase, together with its removal and re-erection, has been £306 6s. 7d. This amount was much too large to be defrayed out of a single year's revenue, and it was consequently decided to charge it temporarily against the capital account, on the understanding that as large a sum as possible should be repaid at the close of each year until the whole had been returned. In fulfilment of this promise, a first instalment of rather more than one-third has just been paid into the investment account, leaving a balance of £200, which will probably be extinguished before the expiration of two years. The Council would here put on record their appreciation of the services rendered by Mr. Fenton to the Museum in this matter. As already stated, all the preliminary negotiations for the purchase of the house were made by him.

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At considerable personal inconvenience he accompanied the Curator to Maketu, in order to smooth over any difficulties which might have arisen in completing the purchase, and during the re-erection of the house his wide knowledge of the Maori race and its manners and customs were made freely available.

Appended to the report will be found a complete list of all additions to the Museum. Many of these are both interesting and valuable, but it is hardly necessary to describe them in detail here.

During the year the following work has been done in the Museum:—The re-arrangement of the foreign birds, commenced in the previous year, has been completed. Several minor changes have been made in the classification of the ethnological collections. The mineralogical collections have been cleaned, re-arranged, and re-labelled, all recent additions being worked into their proper places. An explanatory series, intended to facilitate the study of the mineral collection by beginners, has been formed and supplied with printed descriptive labels. The collection of New Zealand fossils, by far the greater portion of which had never been exhibited to the public, has been cleaned, systematically arranged, mounted, and labelled. The type collection of rocks, purchased some time ago in London, has been more suitably displayed; as also a special collection presented by Mr. Park, intended to illustrate the geology of the Thames Goldfields. The recent shells, both New Zealand and foreign, have also been carefully overhauled and re-labelled. In carrying out the above work, the Curator has had the help of Mr. Henry Suter, whose temporary appointment as assistant in the Museum the Council sanctioned some time ago.

**Library.**—Under this head the Council have but little to report. Some expenditure has been incurred in binding arrears of magazines and serial literature, and the usual subscriptions have been paid for the publications of the chief English scientific societies. The magazines and periodicals subscribed to by the Institute, a list of which will be found on another page, have been regularly received, and have been, to some extent, circulated among the members.

**Little Barrier Island.**—At the conclusion of last year's report the Council drew attention to the serious delay in concluding the purchase of the Little Barrier Island, and pointed out that the island was being gradually rendered less suitable for the preservation of the New Zealand fauna. At the annual meeting a resolution was passed requesting the Council to urge the Government to complete the purchase; and, in response to this, a deputation of the whole Council waited on the Premier, fully

explaining the position of affairs, and the necessity for immediate action. The Premier expressed himself as being anxious and willing to expedite the purchase; and engaged that if the native owners continued to refuse reasonable terms a Bill would be introduced into Parliament providing for the compulsory purchase of the island at a fair valuation. This has since been done, and it is now stated that the Native Lands Court has fixed the amount payable to the owners. Probably no long period will elapse before the Government will be the sole owner of the island. If so, the Council trust that no time will then be lost in removing the few Maories still resident on the Island, and in furnishing the caretaker with full powers to prevent unauthorised persons from landing.

In conclusion, the Council have to thank the members and others for the assistance and encouragement which they have given to the objects of the Institute, and which they hope will be again rendered during the coming year.

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£1,357 10 5

	£	s.	d.
Books, Periodicals, Binding .. .. .	95	9	3
Additions to Museum .. .. .	21	2	6
Museum Requisites .. .. .	37	5	10
Printing, Advertising, Insurance, Gas, Stationery, Postages, and other expenses .. .. .	141	14	4
Salaries .. .. .	448	12	0
Expense of Purchase, Removal, and Re-erection of Maori House .. .. .	306	6	7
Portion of Loan Repaid into Capital Account .. .. .	106	6	7
Additions to Roof of Ethnological Hall .. .. .	77	8	0
Repairs, Alterations to Show Cases.. .. .	19	16	0
Land Tax .. .. .	25	0	0
Miscellaneous Payments .. .. .	4	15	0
Balance in Bank of New Zealand, Feb. 14, 1895 .. .. .	73	14	4
	£1,357	10	5

T. F. CHEESEMAN, TREASURER.

W. GORRIE, AUDITOR.

# The Treasurer in Account with the Auckland Museum Endowment Account.

FEBRUARY 14, 1894, TO FEBRUARY 14, 1895.

	£	s.	d.		£	s.	d.
Balance in the Bank of New Zealand, February 14, 1894	172	16	6	Insurance, Agency, etc. .. .. .	5	14	0
Sales of Endowments .. .. .	232	18	0	Transferred to Working Account .. .. .	343	2	0
Rents of Endowments .. .. .	97	17	0	Transferred to Investment Account .. .. .	400	0	0
Interest on Investments .. .. .	250	19	0	Balance in Bank of New Zealand, February 14, 1895	5	14	6
	<u>£754</u>	<u>10</u>	<u>6</u>		<u>£754</u>	<u>10</u>	<u>6</u>

FEBRUARY 14, 1895.

T. F. CHEESEMAM, TREASURER.

Examined and found correct,

W. GORRIE, AUDITOR.

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## Investments of the Auckland Institute.

### I.—COSTLEY BEQUEST—

	£	s.	d.	£	s.	d.
On Mortgage on Freehold Security at 6 per cent.	4,000	0	0			
On Mortgage on Freehold Security at 6 per cent.	1,500	0	0			
On Mortgage on Freehold Security at $6\frac{1}{2}$ per cent.	650	0	0			
On Mortgage on Freehold Security at $6\frac{1}{2}$ per cent.	650	0	0			
On Mortgage at 6 per cent. . . . .	300	0	0			
Deposited in the New Zealand Post Office Savings Bank . . . . .	400	0	0			
Loan to Working Account towards Purchase of Maori House . . . . .	200	0	0			
Total of Costley Bequest bearing Interest . . . . .	7,700	0	0			
Invested in Real Property—Portion of Site of Museum . . . . .	2,500	0	0			
Expended in Erection of Ethnological Hall . . . . .	1,500	0	0			
Expended in Show Cases and other Fittings . . . . .	450	0	0			
Total of Costley Bequest not bearing Interest . . . . .	4,450	0	0			
Grand Total of Costley Bequest . . . . .				12,150	0	0

### II.—MUSEUM ENDOWMENT ACCOUNT.

On Mortgage on Freehold Security at $5\frac{1}{2}$ per cent.	3,200	0	0			
On Mortgage on Freehold Security at 7 per cent.	600	0	0			
On Mortgage on Freehold Security at 6 per cent.	500	0	0			
On Mortgage on Freehold Security at 6 per cent.	300	0	0			
On Mortgage on Freehold Security at 6 per cent.	100	0	0			
Waiting Investment . . . . .	170	0	0			
Total . . . . .				4,870	0	0

### III.—NATHAN BEQUEST.

On Mortgage at 6 per cent. . . . .	100	0	0	100	0	0
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### IV.—LIFE SUBSCRIPTION ACCOUNT.

Deposited in Auckland Savings Bank at $4\frac{1}{2}$ per cent.	175	0	0	175	0	0
Total Investments . . . . .				17,295	0	0
Proportion of above bearing interest . . . . .				12,845	0	0

T. F. CHEESEMAM,

TREASURER.

Documents and securities examined and found to be in order.

W. GORRIE,

AUDITOR.

February 14, 1895.

## Additions and Donations

TO THE

### Library and Museum.

- 
- Parliamentary Papers and Reports; New Zealand Hansard for 1894; New Zealand Statistics; New Zealand Official Year Book for 1894.—The New Zealand Government.
- Annual Report of the Colonial Museum and Laboratory; Transactions of the New Zealand Institute, vol 26.—The Director of the Geological Survey.
- Journal of the Polynesian Society, vol. 3.—The Society.
- Handbook of Tasmania for 1893; Walch's Tasmanian Almanac for 1895.—The Colonial Secretary, Tasmania.
- Publications of the Department of Mines, New South Wales, for 1893-94.—The Department.
- Journal and Proceedings of the Royal Society of New South Wales, vol. 27.—The Society.
- Proceedings of the Linnean Society of New South Wales, vols. 4, 5, 6, 7, 8, and vol. 9, parts 1 and 2.—The Society.
- Proceedings of the Australasian Association, vol 5.—The Association.
- Proceedings of the Royal Society of Queensland, vol. 10.—The Society.
- Reports of the Department of Agriculture, Queensland.—The Department.
- Transactions and Proceedings of the Royal Society of Victoria, vol. 19.—T. Steel.
- Handbook to the Melbourne Aquarium.—The Trustees.
- Mining Handbook of West Australia.—The Colonial Secretary.
- Annals of the Observatory of Harvard College, U.S.A., vol. 33 part 2, vol. 40 parts 2 and 3, vol. 41 part 1.—The Observatory.
- California State Mining Bureau: Twelfth Report of the State Mineralogist; Bulletin No. 3, The Gas and Petroleum Yielding Fountains of California; Bulletin No. 4, Catalogue of Californian Fossils; Bulletin No. 5, The Cyanide Process.—The Bureau.
- Insect Life for 1894; Contributions to the United States National Herbarium, vol. 2, No. 3; vol. 3, No. 2; Bulletin No. 15.—The Department of Agriculture, U.S.A.
- United States Consular Reports.—The Secretary of State, United States.
- Reports of the Smithsonian Institution for 1891 and 1892; Proceedings of the United States National Museum, vols. 15 and 16; Bulletins No. 41 to 42.—The Smithsonian Institution.
- Reports of the Missouri Botanical Garden for 1893-1894.—The Missouri Botanical Garden.
- Bulletin No. 4 of the Illinois State Museum.—The Museum.
- Bulletin for 1893 of the Geographical Society of the Argentine Republic.—The Society.
- Annals of the Observatory of Rio Janeiro for 1893.—The Observatory.
- Monatsbericht der Deutschen Seewarte.—The Seewarte.

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- Symons' Monthly Meteorological Magazine.—The Editor.  
 Proceedings of the Royal Colonial Institute.—The Institute.  
 Bulletin of the Italian Entomological Society for 1893-94.—Professor H. H. Giglioli, Florence.  
 Complete Set of the Quarterly Journal of the Natural History Society of Zurich, Switzerland, 36 volumes; New Year's Leaflets of the same Society.—The Natural History Society, Zurich.  
 Proceedings of the Royal Society, vols. 27 to 32.—Professor F. D. Brown.  
 Complete Set of the Statutes at Large, 22 vols.—F. D. Fenton.  
 Transactions of the Society for the Encouragement of Arts and Manufactures; Edinburgh Encyclopaedia, 1 vol.; Memoirs of C. J. Fox; Webster's Sermons.—Mrs. C. H. J. Hill.  
 McGregor's Popular Maori Songs.—The Author.  
 Parcel of Old Auckland Newspapers.—Mrs. A. K. Taylor.  
 British Museum Catalogue of Birds, vol. 23; Catalogue of the Birds of the Tropical Islands of Polynesia; Catalogue of Fossil Birds; Catalogue of Chelonians; Catalogue of Fossil Reptiles and Amphibia, 5 vols.; Catalogue of the Gigantic Land Tortoises.—Purchased.  
 Hawkin's Silver Coins of England.—Purchased.  
 Rutley's Study of Rocks; Rutley's Mineralogy; Hatch's Textbook of Petrology.—Purchased.  
 Kippis' Life of Cook; Lindt's Picturesque New Guinea; Lyne's New Guinea; Macdonald's Oceania; Romilly's Western Pacific and New Guinea; Romilly's From My Verandah in New Guinea; Travers' from New Zealand to Michigan.—Purchased.
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- Skull of Egyptian.—W. Buchanan.  
 Pair of English Squirrels, set up.—C. G. White.  
 Skin of Blue Rail.—Sergeant Cahill, Tauranga.  
 Six Living Specimens of the Diving Petrel.—E. B. Moss.  
 Albino Pheasant.—S. P. Moody, Opotiki.  
 Skin of Morepork.—H. Martin.  
 Eggs of Brown Duck.—A. Robinson.  
 Skin of Striped Rail.—J. Woodhouse.  
 Albino Hawk.—W. Andrews.  
 Blue Duck.—H. Mangakahia.  
 Yellow-bellied Albatross.—D. Hay.  
 Stuffed Swan.—Dr. Cox.  
 Sea Snake (*Pelamys bicolor*) washed up alive at the Bay of Islands.—J. H. Greenway.  
 Two Robber Crabs (*Birgus latro*).—Messrs. Corcus and Gale.  
 New Zealand Shells.—C. Matthews.  
 New Zealand Shells.—E. B. Moss.  
 New Zealand Shells.—C. Spencer.  
 Specimens of *Patella Kermadecensis*.—Captain Fairchild.  
 Eggs of *Bulimus bovinus*.—J. T. Rayner.  
 Foreign Shells.—Allan Wight.  
 Leaf Insect from Fiji.—E. B. Laing.  
 Large Series of Tertiary Fossils from Wanganui.—E. B. Drew.  
 Tertiary Fossils from Rangitikei, Napier.—H. Roche.  
 Chalcedonic Quartz.—W. Hampton.  
 Radiated Iron Pyrites.—A. Williams.  
 Sandworn Stones from Waitotara.—K. N. Hawes.  
 Maori Stone Axe.—P. Black.  
 Large Greenstone Adze.—Deposited by A. Rintoul.  
 Kumara Spade.—W. S. Traves.  
 Collection of Stone Axes.—J. Munro.  
 Stone Axes.—W. Pollard.

- Fern Pounder, Net Sinker.—N. McKenzie.  
Carved Doorway of a Pataka; Flint and Obsidian Cores; Kumara Spade.—  
F. D. Fenton.  
Elaborately carved Maori House, formerly standing at Maketu, Bay of  
Plenty.—Purchased from the chief Pokiha Taranui.  
Curious carved Stone.—P. Durbidge.  
Collection of Forty-two Specimens illustrating the Ethnography of the Sand-  
wich Islands.—Exchange from the Honolulu Museum.  
Model of Santa Cruz Canoe; San Cristoval Food Bowl; Drill for Boring  
the discs of Shell Money.—Rev. R. B. Comins.  
Old English Knife and Fork, date about 1650.—Mr. Gibbs.  
Ornamental Wheelbarrow, Shovel and Pickaxe, used by the late Mr John  
Williamson, Superintendent of the Province of Auckland, on turning  
the first sod of the Thames Railway.—Mrs. Williamson.  
Eight Swiss Coins.—E. Eugster.  
Silver Coins.—R. Dillwynn.  
Copper Coin.—P. Allaway.  
Silver Coin.—W. Robinson.  
Three Silver Coins.—R. Armitage.



# LIST OF MEMBERS

FOR THE YEAR ENDING MARCH 31st, 1895.

[HONORARY AND LIFE MEMBERS DISTINGUISHED THUS\*].

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Adams, J., B.A., Thames  
Aickin, G., Auckland  
Aitken, W., Auckland  
Allen, T., Auckland  
Argall, W. H., Coromandel  
Arnold, C., Auckland

Bagnall, L. J., Thames  
Bakewell, R. H., M.D., Auckland  
Baker, Rev. S. W., Auckland  
Ball, T., Onehunga  
Ball, W. T., Auckland  
Bartley, E., Devonport  
Bates, Rev. J., Devonport  
\*Bates, T. L., Newcastle, N.S.W.

Batger, J., Auckland  
Beere, D. M., C.E., Gisborne  
Berry, W., Auckland  
Brett, H., Auckland  
Brigham, J. M., Auckland  
Brock, A., Auckland  
Brookes, E. S., jun., Wharehine  
Broun, Capt. T., F.E.S., Drury  
Brown, Prof. F. D., Auckland  
Brown, J., Epsom  
Buchanan, J., Auckland  
Buchanan, W., Devonport  
\*Buckland, A., Auckland  
Buckland, W. F., Remuera  
Bull, G. W., Thames  
Burgess, E. W., Devonport  
\*Burton, Colonel, Lake Takapuna

Cameron, R., Auckland  
Campbell, H., Auckland  
Campbell, J. L., M.D., Auckland  
Carr, R. C., Remuera  
Cheal, P. E., Auckland  
Cheeseman, T. F., F.L.S., Auckland  
Ching, T., Parnell  
Choyce, H. C., Auckland  
Cochrane, W. S., Auckland  
Colbeck, Captain, Epsom  
Combes, F. H., Auckland  
Cooper, C., Auckland  
Cooper, T., Auckland

Cowie, Right Rev. W. G., D.D.,  
Bishop of Auckland.  
Cozens, G., Auckland  
Craig, E., Auckland  
Cruikshank, D. B., Auckland  
Cussen, L., Auckland

Darby, P., Auckland  
Davies, Rev. H. S., Northcote  
Dawson, F. W. E., M.R.C.S., E.,  
Auckland  
Dignan, P. L., Auckland  
Dufaur, E. T., Auckland

Eastham, S., Devonport  
Edson, J., Devonport  
Egerton, Prof. C. W., Auckland  
Ehrenfried, L., Auckland  
Ewington, F. G., Auckland

Farmer, J., London  
Fenton, F. D., Kaipara  
Fidler, W., Northcote  
Firth, J. C., Auckland  
Fowlds, G., Auckland

Garlick, R., Auckland  
George, C. S., Auckland  
Girdler, Dr., Auckland  
Goldie, D., Auckland  
Gorrie, W., Auckland  
Grace, L. M., Taupo  
Graham, W. K., London  
Gray, A., Remuera

Haines, C. H., M.D., F.R.G.S.,  
Auckland  
Haines, H., M.R.C.S., Auckland  
Hardie, J., Auckland  
Harding, S., C.E., Auckland  
Harris, J. D., Opuia  
Haszard, H. D. M., Auckland  
Hautain, Hon. Col., Auckland  
Henton, J. S., Auckland  
Hesketh, E., Auckland  
Herbert, T., Parnell



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Hill, W. J., Auckland  
Hosking, A. A., Mount Eden

Johnson, H. D., Te Aroha

Kenderdine, J., Auckland  
Kidd, A., Auckland  
\*Kirk, T., F.L.S., Wellington  
Kirker, J., Auckland  
\*Kitt, T. W., Auckland

\*Leaf, C. J., F.L.S., F.G.S., London  
Lennox, J. M., Auckland  
\*Lennox, N. G., Sydney  
Leys, T. W., Auckland

MacArthur, J. P., London  
Mackechnie, E. A., Auckland  
Mackellar, E. D., M.D., Parnell  
MacMillan, C. C., Auckland  
Mahoney, T., Auckland  
Mair, Captain G., Foxton  
Mair, R., Whangarei  
Mair, Major W. G., Auckland  
Malfroy, C., Rotorua  
Martin, J., F.G.S., Auckland  
Masefield, T. T., Auckland  
\*Meinertzhagen, F. M., Napier  
McCullough, Hon. W., Auckland  
McLachlan, J. M., Auckland  
McLaurin, J., Auckland  
Mitchell, J., Auckland  
Moat, W. P., Mahurangi  
Moody, T. P., Kawakawa  
Morton, H. B., Auckland  
Morrin, T., Auckland  
Monro, H. A. H., Parnell  
Mueller, G., Auckland  
Munro, G. C., Clevedon  
Murdoch, D. L., Auckland  
Murray, T. L., Thames

Nathan, L. D., Auckland

Park, Jas., F.G.S., Thames  
Patterson, G. W. S., Kaikohe  
Paul, Rev. J. S., Onehunga  
Payton, E. W., Devonport  
Peacock, T., Auckland  
Petrie, D., F.L.S., Auckland  
Philcox, W., Devonport  
Pond, J. A., Auckland

Parchas, Rev. A. G., M.R.C.S., E.,  
Auckland

Reed, J. R., Kawakawa  
Reid, J., Auckland  
Robertson, E., M.D., Auckland  
Rose, R., Auckland  
Russell, Jas., Auckland  
\*Russell, T., London

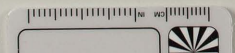
Scheidel, Dr., Thames  
Scott West, Rev. R. J., Mt. Eden  
Seddon, W., Rotorua  
Seegner, C., Auckland  
Shaw, H., Auckland  
Shrewsbury, H., Parnell  
Sinclair, A., Auckland  
Smith, A. R., Auckland  
Smith, H. G. S., Wellington  
\*Smith, S. P., F.R.G.S., Wellington  
Smith, T. H., Auckland  
Steele, T. J., Devonport  
Steel, T., Melbourne  
Stewart, J., C.E., Auckland

Thomas, Professor A.P.W., F.L.S.  
Auckland  
Thornton, Mrs. D. B., Maungakawa  
\*Tinne, H., London  
Tinne, T. F. S., London  
Tubbs, Professor H. A., Auckland

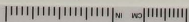
Upton, J. H., Auckland  
Urquhart, A. T., Karaka

Wade, H. G., Auckland  
Walsh, Rev. P., Waimate  
Webster, J., Hokianga  
\*Weetman, S., F.R.G.S., Blenheim  
Wildman, W., Auckland  
Will, W., Auckland  
Williams, T. O., M.D., Thames  
Williams, Ven. Archdeacon W. L.,  
Gisborne  
Williamson, C., Auckland  
Wilson, G., Thames  
Wilson, H. M., Warkworth  
Wilson, W. S., Auckland  
Winks, J., Parnell  
\*Withy, E., Remuera  
Wright, G. W., Auckland

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